

Replace the paragraph on page 6, starting with line 9 with the following:

A² And, in the control circuit of FIG. 1, the output voltage, namely the source voltage, of the MOSFET 33 is detected by the outputting state detecting portion 5 at every fixed monitoring timing, i.e., $Tg(on)$ (i.e. the start time of the gate voltage of the MOSFET 33) + Ts (i.e. fixed time period), and the microcomputer 1 judges whether or not the overheat protecting function is operating, based on whether the output state is in high level (HI) or in low level (LO).